

The embodiments of the invention in which an exclusive property or privilege is claimed are defined as follows:

1. 1. A trap for insects and similar subjects, the trap comprising:
  - (a) a container having a volume with a first opening;
  - (b) a whisker assembly located at the opening and including a plurality of flexible strands that extend into the volume;
  - (c) a light assembly attached to the container, the light assembly including at least one light bulb positioned at a location to direct light onto the strands; and
  - (d) a chemical attractant located within the volume;

wherein, during use, the light bulb attracts and draws a subject to the trap and the chemical attractant further lures the subject into the volume, the arrangement of the whisker assembly allowing the subject to enter the volume, but not easily exit the volume.

2. The trap according to Claim 1, wherein the strands are formed from a luminous material.

3. The trap according to Claim 1, wherein the strands are formed from a reflective material.

4. The trap according to Claim 1, wherein the strands are formed from a light-conductive material.

5. The trap according to Claim 1, wherein the strands are made of a material including at least one of polypropylene, Nylon, acrylic, and ethylene vinyl acetate.

6. The trap according to Claim 1, wherein the strands are strands having an average diameter in the range of about 0.05 mm to about 2.00 mm.

7. The trap according to Claim 1, wherein the strands include base ends located at the first opening and tip ends located near one another, the tip ends defining a second opening that is smaller in size than the first opening.

8. The trap according to Claim 1, wherein the base of the strands are arranged in a noncircular pattern.

9. The trap according to Claim 1, wherein the strands are the same length, extending into the volume the same general distance relative to one another.

10. The trap according to Claim 1, wherein the strands are of varying lengths so that some strands extend into the volume farther than others.

11. The trap according to Claim 1, wherein the strands are of a length in the range of about 13 mm to about 150 mm.

12. The trap according to Claim 1, wherein the first opening is positioned in a first plane and the strands extend toward one another at an angle in the range of about 15 degrees to about 45 degrees relative to the first plane.

13. The trap according to Claim 1, wherein the first opening is positioned in a first plane and the strands extend toward one another at an angle less than about 90 degrees relative to the first plane.

14. The trap according to Claim 1, wherein the strands are positioned in a swirl pattern.

15. The trap according to Claim 1, wherein the distance between the tips of adjacent strands is in the range of about 1 mm to about 20 mm.

16. The trap according to Claim 1, wherein the tips of adjacent strands are in a noncontacting relationship.

17. The trap according to Claim 1, wherein the strands are formed having multiple sections.

18. The trap according to Claim 17, wherein the strands are formed having a main stem and at least one inwardly oriented arm.

19. The trap according to Claim 1, wherein the container has an upper end; the volume being disposed opposite the upper end, and the first opening being located between the upper end and the volume.

20. The trap according to Claim 1, wherein the container includes separable top and bottom portions, the bottom portion including the volume.

21. The trap according to Claim 1, wherein the trap has a generally ovoid shape.

22. The trap according to Claim 1, wherein the at least one light bulb is located near the opening of the container within a distance of approximately 155 mm or less.

23. The trap according to Claim 1, wherein the strands are formed from a light conductive material and the at least one light bulb is positioned at a location that directs light into the base of the flexible strands.

24. The trap according to Claim 23, wherein light travels through the flexible strands and is visible at the tip ends of the strands.

25. The trap according to Claim 23, wherein the plurality of strands are arranged so as to focus their light to a distant point.

26. The trap according to Claim 25, wherein the distant point is located along the container.

27. The trap according to Claim 1, wherein the at least one light bulb includes a light-emitting diode that emits light having a frequency in the range of about 380 to about 565 nanometers.

28. The trap according to Claim 1, wherein the at least one light bulb includes a monochromatic light-emitting diode that emits blue light.

29. The trap according to Claim 1, wherein the light assembly further includes a photosensitive device arranged to cause the at least one light bulb to illuminate during darkness and to turn off during daylight.

30. The trap according to Claim 1, wherein the strands form a multiplicity of loops that extend into the volume.

31. The trap according to Claim 30, wherein the strands are formed from a single filament of material.

32. The trap according to Claim 30, wherein the strands are formed from a multiplicity of filaments of material.

33. A trap for light-sensitive insects, the trap comprising:

- (a) a container defining a volume with an opening;
- (b) a whisker assembly located at the opening and having a plurality of nonmetal flexible strands that extend into the volume;
- (c) a light assembly attached to the container adjacent the opening, the light assembly emitting blue light; and
- (d) a chemical attractant located within the volume;

wherein the light assembly initially attracts the insect toward the trap, the chemical attractant then lures the insect into the volume, and the whisker assembly allows subjects to enter the volume, but not exit the volume.